

FIG. 1

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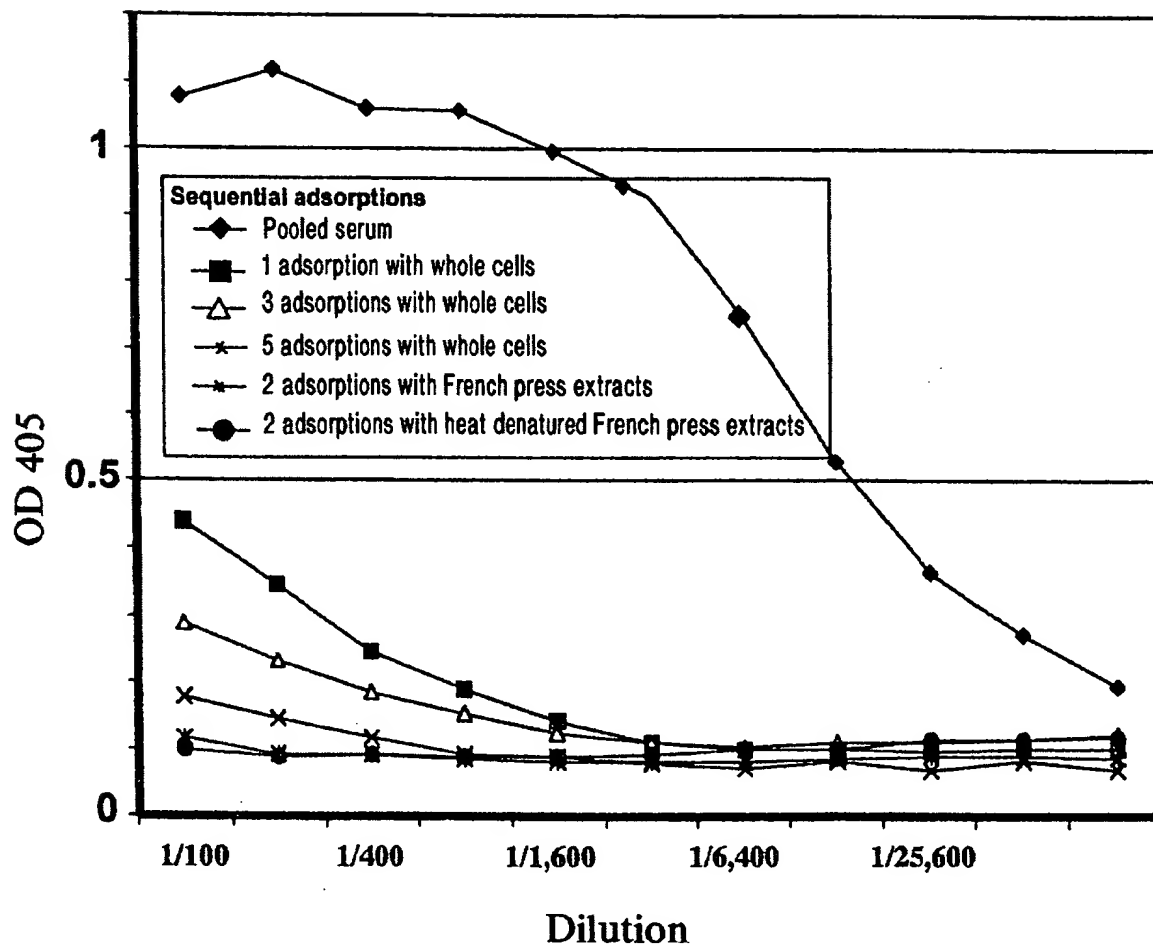


FIG. 2

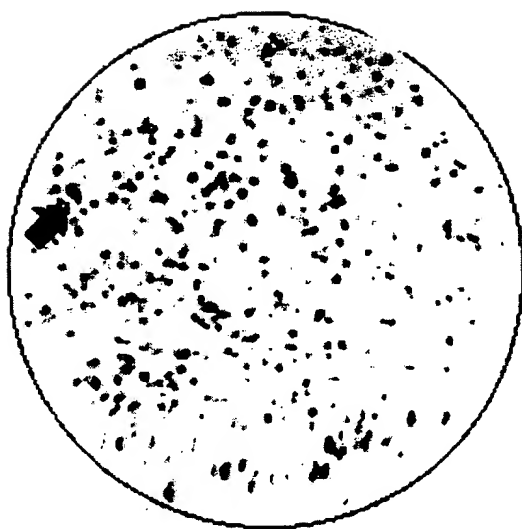


FIG. 3A

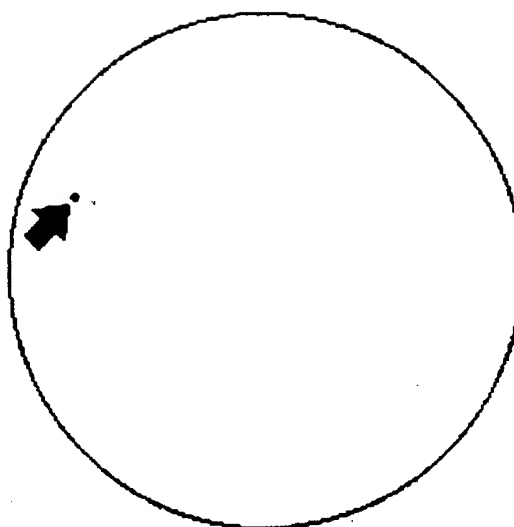


FIG. 3B

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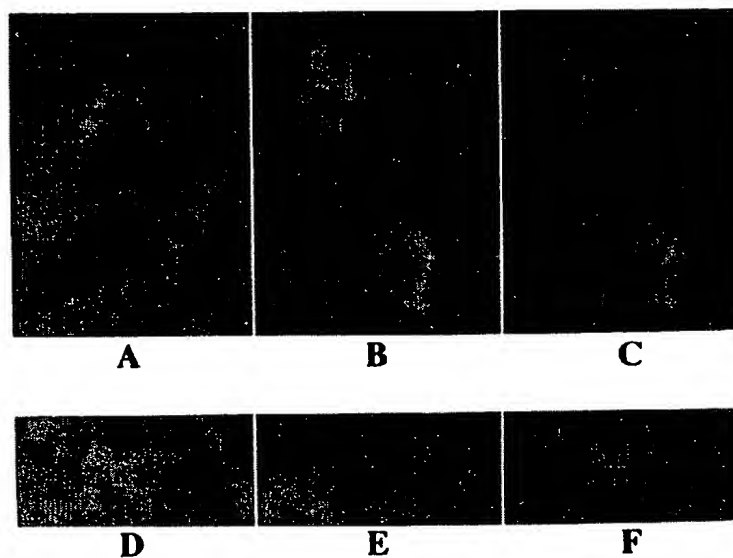
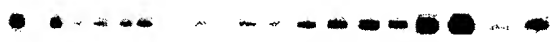



FIG. 4

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**Periodontitis
patients**
3.75 +/- 1.12 (mean +/- std dev.)**Controls**
2.79 +/- 0.98

p<0.05

FIG. 5

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Table 2. Confirmation and characterization of the IVIAT subclones.







Subclone	Reactivity with human sera +IPTG	Strongest homology (identity at amino acid level)	Organism	Possible biological role	Reference
pET30b/ BL21(DE3) Aa2004		N/A	N/A	N/A	
Aa2005		HlpA (67%)	<i>H. influenzae</i>	Virulence associated lipoprotein	(14)
Aa2008		Orf4 (100%) HI0701 (68%)	<i>16. actinomy-cetemcomitans</i> <i>H. influenzae</i>	Glycosyltransferase	(15)
Aa2009		SurE (63%)	<i>H. influenzae</i>	Unknown	
Aa2010		HI0457 (83%)	<i>H. influenzae</i>	Stress associated	(16)
Aa2011		KthY (69%)	<i>H. influenzae</i>	Unknown	
				Thymidylate kinase	(17)

FIG. 6

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